

# Converting Colors

Hex(7DE63E)

Have a look what the booklet for  
Hex(7DE63E) contains.

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**Color**

**Hex(7DE63E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7DE63E
RGB	125, 230, 62
RGB Percent	49%, 90%, 24%
CMY	0.5098, 0.0980, 0.7569
CMYK	0.46, 0.00, 0.73, 0.10
HSL	98°, 77%, 57%
HSV	98°, 73%, 90%
XYZ	37.6238, 61.3014, 14.4068
YIQ	179.4530, -8.6520, -74.5080

# Conversions

## Conversions Part 2

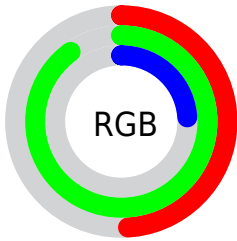
Format	Color
<a href="#">RYB</a>	<a href="#">62, 230, 167</a>
Decimal	<a href="#">8250942</a>
CIELab	<a href="#">82.54, -57.62, 67.98</a>
CIELCh	<a href="#">83, 89.118, 130.284</a>
Yxy	<a href="#">61.3014, 0.3320, 0.5409</a>
Android (android.graphics.Color)	<a href="#">4286441022</a> ( <a href="#">0xFF7DE63E</a> )
YUV	<a href="#">179.4530, -57.9043, -47.7553</a>
Hunter-Lab	<a href="#">78.2952, -51.2407, 43.8969</a>

# Details

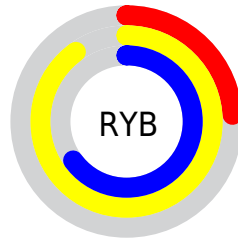
The Hex color **7DE63E** is a dark color, and the websafe version is hex **66CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **A73EE6**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **B9FF78**, and **3EAE00** is the 20% darker color. If you saturate the color by 10%, you get **6FE627**, and if you desaturate by 10%, it is **8BE655**.

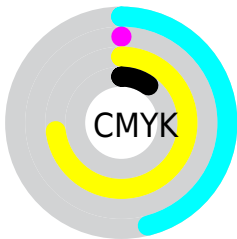
# Distribution



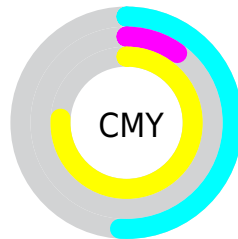
- Red (49%)
- Green (90%)
- Blue (24%)



- Red (24%)
- Yellow (90%)
- Blue (65%)



- Cyan (46%)
- Magenta (0%)
- Yellow (73%)
- Black (10%)



- Cyan (51%)
- Magenta (10%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7DE63E changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 7DE63E by changing the saturation by 10% instead.



 7DE63E

 7DE63E

FFFFFF

 5FC91B

 B9FF78

 3EAE00

 D7FF94

 119200

 F5FFB0

 007800

 FFFFCD

 005E00

 FFFFEB

 004500

 002F00

 001000

 000000

 7DE63E

 7DE63E

 6FE627

 8BE655

 60E610

 9AE66C

 56E600

 A8E683

 B7E69A

 C5E6B1

 D3E6C8

 E2E6DF

 F0E6F6

 FEE6FF

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



DAD300



7DE63E



00F091

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



7DE63E



00E6FF



FF75B4

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



7DE63E



A73EE6

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF83FF



7DE63E



12CEFF

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



7DE63E



00F1FF



F5A9FF



FF8F65

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



7DE63E



00F3CC



F5A9FF



FF75D0

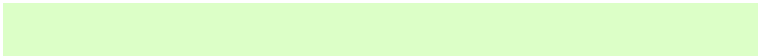


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



7DE63E



DCFFC7



E6A63E



6B805E



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



7DE63E



73FF1F



3EE652



6C7367



43B300



133300



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



A73EE6



AB1FFF



E63ED2



6E6773



7000B3

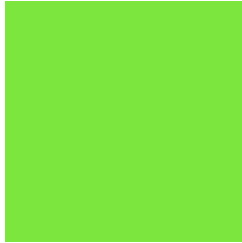


200033



# Previews

## White Background



This preview shows how the Hex color 7DE63E looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 7DE63E looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7DE63E Background



This preview shows how black text looks on a background with the Hex color 7DE63E.

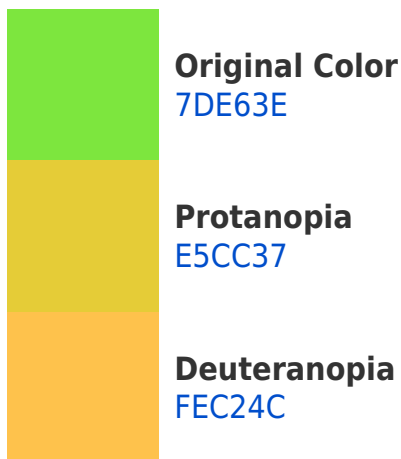


This preview shows how white text looks on a background with the Hex color 7DE63E.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
98D7E8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7DE63E is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #7DE63E looks like.

```
.text, #text, p{  
    color:#7DE63E  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #7DE63E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DE63E
}
```

## Border

The CSS property to change the border of an element to Hex 7DE63E is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7DE63E }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#7DE63E }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #7DE63E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DE63E; -webkit-box-shadow:4px 4px  
4px 4px #7DE63E; box-shadow:4px 4px 4px  
4px #7DE63E }
```

# Background

The CSS property to change the background color of an element to Hex 7DE63E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DE63E }
```

If only the background color should be changed can be used:

```
.background{ background-color:#7DE63E }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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